



The State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

**Representatives Present During the Inspection:**

OGM	Pete Hess	Environmental Scientist III
Company	Mark Reynolds	Resident Agent

## Inspection Report

Permit Number:	C0150025
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, March 23, 2004
Start Date/Time:	03/23/2004 8:55:00 AM
End Date/Time:	03/23/2004 2:10:00 PM
Last Inspection:	Monday, February 09, 2004

Inspector: Pete Hess, Environmental Scientist III

Weather: Cloudy, 50's F.

InspectionID Report Number: 218

Accepted by: pgrubaug  
03/30/2004

Permittee: **CO-OP MINING CO**

Operator: **CO-OP MINING CO**

Site: **BEAR CANYON MINE**

Address: **PO BOX 1245, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

**Current Acreages**

3,336.18	Total Permitted
36.64	Total Disturbed
	Phase I
	Phase II
	Phase III

**Mineral Ownership**

- ☒ Federal  
☐ State  
☐ County  
☒ Fee  
☐ Other

**Types of Operations**

- ☒ Underground  
☐ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

**Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:**

Prior to today's inspection, there were no compliance issues pending at the Bear Canyon Mine. The following amendments are pending for C/015/025; the review of the reformatted MRP to R645 standards; the abandonment of equipment in the Bear Canyon #1 Mine. Permit conditions which exist as attachment "A" in the currently issued DOGM permit include the following; the permittee cannot conduct mining in Federal coal leases U-038727 and U-0020668 without the approval of the Secretary of the Interior. Both leases are relevant to the Wild Horse Ridge addition of the Bear Canyon operation where development of the #3 and #4 Mines is currently occurring. The other permit conditions which are in effect are as follows; drainage or pumping of in-Mine water to the old workings north of Big Bear and Birch Spring will be controlled and monitored by the Division. The #1 Mine is now sealed and this condition no longer has meaning. The third and final permit condition which exists is the permittee must submit all water monitoring information in an electronic format to the Division's web site. The permittee has been in compliance with this stipulation since the first quarter of 2001.

Inspector's Signature: \_\_\_\_\_

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date

Friday, March 26, 2004

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
 telephone (801) 538-5340 facsimile (801) 359-3940 TTY (801) 538-7223 [www.ogm.utah.gov](http://www.ogm.utah.gov)

**Utah!**  
 Where ideas connect™

Permit Number: C0150025  
 Inspection Type: COMPLETE  
 Inspection Date: Tuesday, March 23, 2004

## Inspection Continuation Sheet

Page 2 of 5

### **REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENT**

1. *Substantiate the elements on this inspection by checking the appropriate performance standard.*
  - a. *For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.*
  - b. *For PARTIAL inspections check only the elements evaluated.*
2. *Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.*
3. *Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.*
4. *Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.*

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

The currently approved State permit remains in effect until November 2, 2005.

**3. Topsoil**

The topsoil storage sign located on the main facilities pile is upside down, and should be repaired, or replaced. The topsoil pile sign located at the last switchback on the #2 Mine access road is missing, probably due to high winds at that elevation. Mr. Reynolds made note of the needed repairs. There was no erosion evident on any of the soil storage piles.

**4.a Hydrologic Balance: Diversions**

Drainage ditch D-8D, which is located 115 feet east of the scales, receiving and scales building was observed to be obstructed with several rolls of conveyor belting, timber, belt idlers, a trickle duster, as well as length of 12 inch culvert. Visual evidence was apparent that flow found it necessary to report from this area in an uncontrolled manner. Ditch D-3D, which is immediately east of the lump coal storage area, is in the same area as a pipeline which needed repair during the winter. Excess earth material had not been removed from this diversion upon completion of the pipe repair, obstructing it. A direct flow path was not evident. Ditch D-1U, which parallels the mountain in the vicinity 200 feet west of the main electrical substation had several large boulders in it. One of these completely blocked any flow which would normally report to culvert inlet C-1U. Culvert C-16U had rocks blocking this culvert inlet; the inlet to culvert C-15U contained sediment which was blocking approximately fifty percent of its cross sectional area. At the close of today's inspection, notice of violation N04-46-1-1 was issued to the permittee for "failure to maintain diversions".

**4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The fourth quarter 2003 impoundment inspections for the Bear Canyon site were completed by Mr. Mark Reynolds on November 18, 2003. All ponds were noted as being snow covered; there were no hazards or signs of instability noted for ponds A, B, C, or D. There were no problems noted with any of the ponds during today's field inspection.

**4.c Hydrologic Balance: Other Sediment Control Measures**

There are three silt fences which operate in series up channel of the inlet to culvert C-6U, (junction of tipple access road and #1 Mine access road). Two of the fences need minor repairs.

**4.d Hydrologic Balance: Water Monitoring**

To date, the permittee has not submitted the fourth quarter of 2003 water monitoring report to the Division's data base. The report is not due until March 31, 2004. A review of the permittee's records revealed that all required water monitoring sites for the fourth quarter had received monitoring/sampling.

**4.e Hydrologic Balance: Effluent Limitations**

Discharge monitoring reports for the site's permitted UPDES outfalls were reviewed for November 2003 through January 31, 2004. There were no parameter exceedances reported for that three month period. UPDES point 006A (mine water discharge point to Bear Creek) was the only outfall which experienced flows during that period.

**8. Noncoal Waste**

There were numerous items of noncoal waste picked up in the vicinity of the bath house / parking lot area by Mr. Reynolds and this individual. The trash was more evident than what would be considered normal. It was observed that the flip-over lids on the dumpster located in that area had been left open; canyon winds may have dispersed some of the trash from this receptacle. Other trash had probably accumulated over the winter, being hidden under snow. The problem was discussed with both Mr. Reynolds, and Mr. Ken Defa, Mine Superintendent. The permittee needs to be aware that this will not be overlooked during future inspections.

**10. Slides and Other Damage**

Mr. Reynolds indicated that the #4 Mine pad area had several snow avalanches over the course of the winter. Also, rock falls and material slides on the west side of Bear Canyon have obstructed diversions in several locations, as noted above.

**11. Contemporaneous Reclamation**

There has not been any reclamation activity on the Tank seam or #2 Mine access for several months. All activity is being dedicated to getting the #4 Mine into coal production.

**16.a Roads: Construction, Maintenance, Surfacing**

Roadways on the west side of Bear Creek had just been recently graded, and their associated diversions had been re-defined.

Permit Number: C0150025  
Inspection Type: COMPLETE  
Inspection Date: Tuesday, March 23, 2004

## Inspection Continuation Sheet

*Page 5 of 5*

### **21. Bonding and Insurance**

The permittee could not produce a current general liability insurance form. This information was obtained from the SaltLake Division office and forwarded to the permittee for their inspection files.